(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



552 / 60

(43) International Publication Date 21 October 2004 (21.10.2004)

PCT

(10) International Publication Number WO 2004/089453 A2

(51) International Patent Classification7: A61M 16/00

(21) International Application Number:

PCT/DK2004/000260

(22) International Filing Date: 7 April 2004 (07.04.2004)

(25) Filing Language:

Danish

(26) Publication Language:

English

(30) Priority Data:

PA 2003 00563 11 April 2003 (11.04.2003) DK PA 2003 00769 22 May 2003 (22.05.2003) DK

(71) Applicant (for all designated States except US): AMBU A/S [DK/DK]; Baltorpbakken 13, DK-2750 Ballerup (DK).

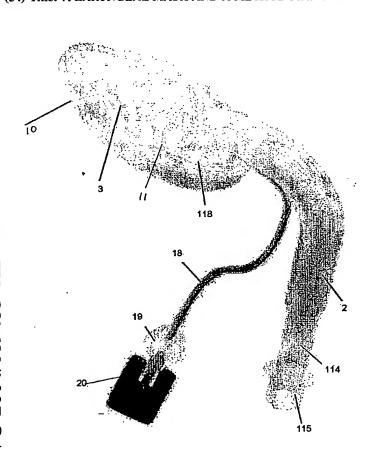
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): PETERSEN, Lasse

[DK/DK]; Sandbjergvej 54, DK-2950 Vedbæk (DK). **HOFFMANN, Peer** [DK/DK]; Kaltoften 4, Ganløse, DK-3660 Stenløse (DK).

- (74) Agent: ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: A LARYNGEAL MASK AND A METHOD MANUFACTURING SAME



(57) Abstract: The invention relates to a laryngeal mask (1) comprising at least one airway tube (2) and a mask portion (3), which mask portion (3) comprises a top face (4) and a bottom face (5), said bottom face (5) comprising a lumen (6) that communicates with the tube (2) interior (7), and said top face (4) comprising a closed transition face (8), and said mask portion (3) being at least on the bottom face in the periphery delimited by an inflatable cuff (9), and said mask portion (3) comprising a joint throughout the entire internal circumference of the cuff (9), facing towards the lumen (6) and for providing a closed cuff. Hereby a product is provided which is formed integrally with regard to mask portion and airway tube portion thereby eliminating the risk that the two parts are separated in use.

WO 2004/089453 A2



Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

 without international search report and to be republished upon receipt of that report